



MEETING DATE: June 25, 2025

AGENDA ITEM: 6. MGE Engineering: Change Order

FROM: Ryan Bonk

RE: MGE Engineering: Change Order

BACKGROUND:

In January of 2024, the City and MGE Engineering entered into an agreement for professional services for engineering services related to the Gulling Street Bridge. The total contract was for \$162,768.00.

MGE has provided services under this agreement including but not limited to the following:

- Review of existing information including Caltrans BIRIS and as-built plans
 - Observation and analysis of existing conditions including site visits
 - Evaluations including geotechnical, structural, and hydraulic assessments
 - Preliminary engineering evaluations to evaluate feasibility of countermeasure implementation
 - Evaluations and recommendations for potential scour countermeasures and plan of action
 - Design and estimate of scour countermeasures
 - Attendance at Council Meeting
 - Various coordination meetings
-

EXECUTIVE SUMMARY:

This change order contains the following additional scope of services and costs. Full details can be found in the change order attached to this staff report.

- Environmental regulatory permit support including notifications and collaboration with U.S. Army Corps of Engineers, Regional Water Quality Control Board, and California Department of Fish and Wildlife
- Field observations during rip rap placement
- Caltrans Highway Bridge Program application process including revisions, comments, and answers between all involved parties

This change order will increase the contract price by \$19,072.00.

Other costs associated with the additional scope of services included in this change order are within the original contract amount.

RECOMMENDATION:

Staff recommends that the City Council approve the change order. Approval of this change order will allow for the rip rap work to be completed successfully per MGE's design with field observations from MGE.

Additionally, the change order will allow for MGE to continue the work on a permanent solution through the Caltrans Highway Bridge Program.

FISCAL IMPACT:

This change order will increase the contract budget by \$19,072.00.

This amount is included in the proposed 2025-2026 budget under "Other Expenses", Bridge.

Staff believes that some of these costs will be recovered through sources other than the general fund such as FEMA. Once the scope of work applicable to the FEMA funding is completed the recovery amount will be ascertained.

ATTACHMENTS:

- A. CHANGE ORDER TO AGREEMENT FOR PROFESSIONAL SERVICES - MGE

**CHANGE ORDER
TO
AGREEMENT FOR PROFESSIONAL SERVICES
CITY OF PORTOLA
P.O. Box1225
35 Third Avenue
Portola, California 96122
Telephone (530) 832-6800**

Date: 06/25/2025

Project Name: Gulling Street over Middle Fork Feather River Bridge

City of Portola Project No.:

Change Order to Agreement for Professional Services by and Between City of Portola and MGE Engineering, Inc. Effective as of January 1, 2024

CONSULTANT:

MGE Engineering, Inc.
7415 Greenhaven Drive, STE 100
Sacramento, CA 95831

1.0 CHANGE ORDER

1.1 This Change Order is an amendment to the Agreement for Professional Services by and Between City of Portola and MGE Engineering, Inc. Effective as of January 1, 2024 (“Agreement”), the terms of which are hereby incorporated into this Change Order by this reference.

2.0 CONFLICT

2.1 In the event of any conflict between the Agreement and this Change Order, the terms of the Agreement shall prevail. All other terms of the Agreement shall remain in full force and effect.

3.0 AMENDMENT OF AGREEMENT

3.1 The Agreement is hereby amended to reflect the changes as follows:

3.2 CONSULTANT shall provide the supplemental services described in Attachment A, Scope of Work (“Supplemental Services”) in additional to the services described in the Agreement.

3.3 The cost for the Supplemental Services is set forth in Attachment B, Payment for Services.

3.3.1	Original Agreement Amount:	\$162,768.00
3.3.2	Change Order Amount:	\$19,072.00
3.3.3	Total Agreement Amount:	\$181,840.00

These changes are accepted and agreed by the Parties, to become effective as of the date first written above.

ACCEPTED:

	CITY OF PORTOLA		CONSULTANT	
	Signature		Signature	
By:			By:	
Title:	City Manager		Title:	
Co:	City of Portola		Co:	
Other authorized representative(s):			Other authorized representative(s):	

ATTACHMENT A - SCOPE OF WORK
ATTACHMENT B - PAYMENT FOR SERVICES

June 4, 2025

Mr. Ryan Bonk
City of Portola
35 Third Ave
Portola, CA 96122

Subject: **Gulling Street over Middle Fork Feather River Bridge – Supplemental Services
Bridge No. 09C-0130**
City of Portola, Plumas County, California

Dear Mr. Bonk:

As requested, MGE is submitting this proposal to provide field review and bridge funding application support services to the City to implement riprap placement at Pier 3 and to complete the Highway Bridge Program (HBP) Application. Environmental permit services and construction field support is also included and described below. This proposal outlines our remaining anticipated services, and a fee estimate is included with this proposed scope.

Scope of Services

Project Management

MGE expects some interaction and meetings because of extending our services. We include 10 hours for project management and three hours for project meetings, assuming three one-hour meetings.

Environmental Permit Support and Field Observations

MGE includes two days of consultation for interaction with the environmental consultant and the regulatory agencies to prepare responses to agency questions, and provide any supplemental documentation to support the permit process. This number of days is conservative and could include drafting simple exhibits, as necessary, in support of the permits.

MGE includes two days for field observation of riprap placement around Pier 3 plus travel. Travel expenses associated with the field observations are included at Federal GSA rates. MGE will have a field technician present for riprap placement and expects a total of two days for placement. MGE will provide a summary of our field observations during construction at the end of riprap placement construction so the County has a record of our observations.

Environmental Services Associates (ESA) will perform services as outlined in the attached proposal and fee estimate. Their services will include permit applications for three regulatory agencies, biological field survey prior to construction activities and monitoring during construction activities. Detailed descriptions and tasks are outlined in their proposal.

HBP Application

MGE will complete the HBP Application and address Caltrans comments on the draft HBP application that was previously submitted to Caltrans. MGE will prepare the application using the new application form that Caltrans provided and requires. MGE includes time for two rounds of comments and answers between the City and Caltrans to address any additional questions or information that Caltrans requires. We include three 1-hour meetings as part of this task.

Mr. Ryan Bonk
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Schedule

MGE will begin the environmental support and HBP application with acceptance of this proposal and notice to proceed from the City. MGE expects the finished application to take one week and iterations with the City and Caltrans another week thereafter. Field observations will occur after regulatory permits and approvals are in place and for the durations indicated.

Fee

Our fee estimate for these services is included in the attached spreadsheet. And ESA's proposal and fee is included.

We look forward to continuing our services and completing this project.

Sincerely,
MGE Engineering

A handwritten signature in blue ink, appearing to read "Martin W. McLroy", is written over the printed name and title.

Martin W. McLroy
Vice President
California Professional Licenses
PE 78846, CEG 2322, PG 7435

Enclosures: Fee Estimate
 Attachment A -- ESA Services Proposal, 02MAY2025



2600 Capitol Avenue
Suite 200
Sacramento, CA 95816
916.564.4500 **phone**
916.564.4501 **fax**

esassoc.com

May 2, 2025

Ryan Bonk
City Manager
City of Portola
35 Third Avenue
P.O. Box 1225
Portola, CA 96122

Subject: Proposal to Provide Emergency Regulatory Permitting Services for the Gulling Street Bridge Immediate Emergency Repair, City of Portola, California

Dear Mr. Bonk:

Environmental Science Associates (ESA) is pleased to submit this scope of work and cost estimate to the City of Portola ("City") to provide emergency regulatory permitting services for the Gulling Street Bridge Immediate Repair project located in the City of Portola, Plumas County, California (project). Specifically, ESA will prepare notifications to the U.S. Army Corps of Engineers (USACE) pursuant to Section 404 of the Clean Water Act (CWA), Regional Water Quality Control Board (RWQCB) pursuant to CWA Section 401 and the California Department of Fish and Wildlife (CDFW) pursuant to Fish and Game Code Section 1610, per their respective emergency permitting reporting procedures.

This proposal covers services rendered under the Scope of Work provided in Attachment A, for an amount not to exceed \$33,448 in accordance with the ESA Time and Materials Compensation Schedule. The estimated fee by task, including labor and anticipated reimbursable costs, is provided in Attachment B. Fees and charges will be billed on a monthly basis. Work will commence upon receipt of a written notice to proceed.

ESA would like to thank the City for the opportunity to present this proposal, and we look forward to providing these services and working with you. Should you need additional information or have any questions, please do not hesitate to contact me at (916) 995-7223 or mlogue@esassoc.com.

Sincerely,

A handwritten signature in blue ink, appearing to read "M Logue", is written over a light blue circular stamp that contains the text "City of Portola".

Melissa Logue
Transportation Director - NorCal



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Attachment A

Scope of Work

Task 1 Emergency Permit Applications

Subtask 1.1: USACE Section 404 Emergency Permit Application

ESA will prepare a Section 404 Regional General Permit (RGP) 8 notification for the proposed emergency repair work. RGP 8 authorizes discharges of dredged or fill material into waters of the United States (WOTUS), including wetlands, and/or work or structures in navigable waters of the United States for necessary repair and protection measures associated with an emergency situation. An “emergency situation” is present where there is a clear, sudden, unexpected, and imminent threat to life or property demanding immediate action to prevent or mitigate loss of, or damage to, life, health, property or essential public services (i.e., a situation that could potentially result in an unacceptable hazard to life or a significant loss of property if corrective action requiring a permit is not undertaken immediately). In accordance with RGP 8, USACE shall be notified as early as possible and work shall not begin until receiving notification from USACE to proceed.

ESA will provide notification to USACE on behalf of the City. The notification will be in writing and include the following information:

- The name, address, e-mail address and telephone number of the applicant and the designated point of contact and their address, e-mail address and telephone number;
- The location of the proposed project, including the identification of the waterbody that will include a copy of a U.S. Geologic Survey (USGS) topographic map, aerial images of the work area, annotated photographs, and detailed directions to the site;
- A brief, but clear, description of the imminent threat to life or property and the proposed project’s purpose and need;
- A description of methods anticipated to be used to rectify the situation, including equipment and materials; photographs; visual renderings of the project, plans, drawings or sketches showing the area to be impacted, including cross sections showing details of construction; and a short narrative describing how the work is to be completed; and
- A brief description of the project area’s existing conditions and anticipated environmental impacts resulting from the proposed work, including the amount of dredge or fill material, acreage of disturbance, removal of significant vegetation, loss of habitat, known historic resources in the vicinity, etc.

ESA will complete a standard USACE permit application, which will include all of the information outlined above. The RGP 8 notification will be submitted (via electronic mail) to the USACE regional office by ESA on behalf of the City, unless otherwise instructed by the City. In addition, a post-project



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implementation memorandum will be prepared for submittal to USACE once construction has been completed.

Deliverables

- Electronic (PDF and Word) version of draft RGP 8 notification
- Electronic (PDF) version of the final RGP 8 notification
- Electronic post-project implementation memorandum

Assumptions

- Schedule: USACE takes approximately 2 weeks after receiving a complete application to issue a permit. Work in waters must start within 14 days of permit issuance. ESA will complete a draft 404 permit application for internal review within 10 days from notice to proceed. A final 404 permit application will be completed within 5 days following comments from the City.
- Notification versions and review cycles: One round of combined comments from the City and the design engineers (MGE Engineering) on the Notification package will be addressed and incorporated into final electronic version.
- The City and/or MGE Engineering will provide a written description of the nature of emergency and need for the proposed work, project designs (GIS data, KMZ, and pdfs) and profiles of the proposed impacts including dimensions of the area to be impacted (acreage, linear feet, cubic yards of fill) inclusive of the access route and any staging areas, duration of the project activities (from set-up to tear down), and proposed BMPs to be implemented.
- USACE will accept the project as an emergency.
- It is assumed that separate technical reports, such as a Jurisdictional Delineation Report and Biological Resources Assessment Report, will not be required by USACE and are not included in this task.
- The bridge is listed on the Caltrans Historic Bridge Inventory as “Category 5 - Not eligible for the National Register of Historic Places”. It is assumed that evaluations of the bridge or other nearby structures or potential historic resources would not be required, and that support to USACE for Section 106 compliance and/or tribal consultation would not be required.

Subtask 1.2: Clean Water Act Section 401 Water Quality Certification for Regional General Permit 8

ESA will complete a Notice of Intent (NOI) for coverage of the proposed emergency repair and protection work under the Water Quality Order WQ 2023-0095-DWQ Clean Water Act Section 401 Water Quality Certification for Regional General Permit (RGP) 8 for Emergency Repair and Protection Activities (General Order). The NOI form will include the following information, as required by the General Order:

- The name, address, e-mail address and telephone number of the applicant and the duly authorized representative and their address, e-mail address and telephone number;



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- The location and size of the proposed project, including the identification of the receiving waterbody that will include a map of the work area and annotated photographs;
- A brief, but clear, description of the emergency work, imminent threat to life or property, and the proposed project's purpose and need;
- A description of methods anticipated to be used to rectify the situation, including equipment and materials and a short narrative describing how the work is to be completed;
- Proposed erosion and sediment control measures;
- List of other agencies contacted or other permits being sought; and
- Temporary and permanent fill and excavation discharges to waters of the State in acres, cubic yards, and linear feet.
- Copy of RGP 8 notification submitted to USACE
- The NOI will be submitted (via electronic mail) to the RWQCB regional office, and the State Water Board's (SWRCB) application submittal email address will be copied.

Deliverables

- Electronic (PDF and Word) version of draft NOI
- Electronic (PDF) version of the final NOI package

Assumptions

- Schedule: The State Water Board and Regional Water Board must receive notification by the discharger at least 48 hours prior to initiating emergency actions. ESA will complete a draft NOI for the City's review within 10 days from a notice to proceed. A final NOI will be completed within 5 days following comments from the City.
- NOI versions and review cycles: One round of combined comments from the City and MGE Engineering on the NOI will be addressed and incorporated into final electronic version.
- The City and/or MGE Engineering will provide a written description of the nature of emergency and need for the proposed work, project designs (GIS data, KMZ, and pdfs) and profiles of the proposed impacts including dimensions of the area to be impacted (acreage, linear feet, cubic yards of fill) inclusive of the access route and any staging areas, duration of the project activities (from set-up to tear down), and proposed BMPs to be implemented.
- SWRCB and RWQCB will accept the project as an emergency.
- Payment of all permit fees will be the responsibility of the City.

Subtask 1.3: CDFW Emergency Notification of Lake or Streambed Alteration

ESA will provide CDFW with written notification of proposed emergency repair work within 14 days of initiation of emergency repair work. The notification will include the following required information:



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- The name, address, e-mail address and telephone number of the applicant and the designated point of contact and their address, e-mail address and telephone number;
- The location of the proposed project, including the identification of the waterbody that will include a copy of a U.S. Geologic Survey [USGS] topographic map, aerial images of the work area, annotated photographs, and detailed directions to the site;
- A brief, but clear, description of the imminent threat to life or property and the proposed project's purpose and need;
- A description of methods anticipated to be used to rectify the situation, including equipment and materials; photographs; visual renderings of the project, plans, drawings or sketches showing the area to be impacted, including cross sections showing details of construction; and a short narrative describing how the work is to be completed; and
- A brief description of the project area's existing conditions and anticipated environmental impacts resulting from the proposed work, including the amount of dredge or fill material, acreage of disturbance, removal of significant vegetation, loss of habitat, etc.

The Notification will be submitted via CDFW's Environmental Permit Information System (EPIMS) permitting portal by ESA on behalf of the City, unless otherwise instructed by the City.

Deliverables

- Electronic (PDF and Word) version of draft Notification
- Electronic (PDF) version of the final Notification
- One (1) electronic submittal to CDFW on behalf of the City

Assumptions

- Schedule: The *Notification of Lake or Streambed Alteration* application must be submitted to CDFW within 14 days of initiation of emergency repair work. ESA will complete a draft Notification within 10 days from notice to proceed. A final Notification will be completed within 5 days following comments from the City.
- Notification versions and review cycles: One round of combined comments from the City and MGE Engineering on the Notification will be addressed and incorporated into final electronic version.
- CDFW will accept the project as an emergency.
- The City and/or MGE Engineering will provide a written description of the nature of emergency and need for the proposed work, project designs (GIS data, KMZ, and pdfs) and profiles of the proposed impacts including dimensions of the area to be impacted (acreage, linear feet, cubic yards of fill) inclusive of the access route and any staging areas, duration of the project activities (from set-up to tear down), and proposed BMPs to be implemented.
- Payment of all permit fees will be the responsibility of the City.
- The City will establish a Client User Account in the CDFW EPIMS and designate the ESA Representative's User Account as the Designated Representative.



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Subtask 1.4: Project Team and Agency Coordination

ESA will be available to coordinate with the City and MGE Engineering throughout the preparation of the permit applications and permit processing period. This includes three (3) virtual team meetings/conference calls, follow-up meeting minutes, project status updates, and general coordination with the City and MGE Engineering. ESA will also serve as the point-of-contact for all inquiries with the regulatory agencies (USACE, RWQCB, CDFW) and, in coordination with the City and MGE Engineering, respond to comments/clarifications on the agencies' respective permit applications and requests for information during the permitting process. This task includes up to three (3) virtual meetings with the regulatory agencies, if requested, meeting notes, permit process tracking and agency follow-up. Twenty (20) hours have been included in this task for permitting coordination with the City and MGE Engineering and the regulatory agencies. This task also allows for review of the project budget and invoices to ensure the project is on schedule and within budget. Budget and schedule updates will be periodically provided to the City.

Deliverables

- Meeting notes.

Assumptions

- This scope of work assumes no State Historic Preservation Office (SHPO) consultation support, which can be provided under an amended scope of work/separate task, if required.

Subtask 1.5: Agency Site Visit

If during the course of the application process the agencies request a site visit, ESA permitting specialists will support the City with one (1) combined agency site visit. Generally, topics discussed will include an introduction to the project, project-related impacts, avoidance and mitigation measures, and permitting schedule. In preparation for the pre-application meeting(s), impact acreages to aquatic habitats will be estimated and exhibits will be prepared showing impact areas. Feedback from the meetings will be incorporated into the notifications.

Deliverables

- Site visit meeting exhibits.
- Site visit meeting notes.

Assumptions

- The City and/or MGE Engineering will provide project designs (GIS data, CADs or KMZ, and pdfs) for the site visit.
- This scope of work assumes no SHPO consultation support, which can be provided under a separate scope of work/separate task, if required.

Overall Task 1 Assumptions

- Payment of all permit fees will be the responsibility of the City.



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- Meetings with the City or regulatory agencies will be virtual, excepting Subtask 1.5 Agency Site Visit.
- Additional technical reports such as a hydrology study, restoration plan, or compensatory mitigation plan (if necessary) are not included in this scope of work.
- This task assumes no take of State and Federally listed species and no Endangered Species Act consultations.
- This scope of work assumes no California Endangered Species Act (CESA), Federal Endangered Species Act (FESA) or National Historic Preservation Act (NHPA) consultation support, which can be provided under a separate scope of work/separate task, if needed.
- Implementation of permit conditions/requirements, beyond the services described in Task 2, are not included.

Task 2: Pre-construction Surveys and Monitoring

An ESA biologist will conduct a pre-construction survey the day prior to the commencement of project construction activities. If during the pre-construction survey the biologist identifies resources that needs to be avoided, the biologist will immediately notify the project manager to discuss next steps.

On the day following the pre-construction survey, the same biologist will monitor the project activities to make sure only the necessary minimal impacts occur to USACE, RWQCB, and CDFW regulated resources. The work on Pier 3 is anticipated to occur over one day. An individual from the construction team will accompany the biologist to identify the work area.

Deliverables

- Pre-construction survey memo and photos
- Construction monitoring notes and photos

Assumptions

- The City and/or MGE Engineering will provide project designs (GIS data, CADs or KMZ, and pdfs).
- Project construction activities will require one, up to 10-hour-long day.
- Focused plant or wildlife surveys are not included.



EXHIBIT B

Environmental Science Associates & Subsidiaries: 2025 Schedule of Fees

I. Personnel Category Rates

Charges will be made at the Category hourly rates set forth below for time spent on project management, consultation or meetings related to the project, field work, report preparation and review, travel time, etc. Time spent on projects in litigation, in depositions and providing expert testimony will be charged at the Category rate times 1.5.

LABOR CATEGORY	BILLING STEP I	BILLING STEP II	BILLING STEP III	BILLING STEP IV	BILLING STEP V	BILLING STEP VI
Senior Principal Consultant	\$258	\$285	\$314	\$344	\$375	\$405
Principal Consultant	\$218	\$248	\$276	\$305	\$334	\$363
Managing Consultant	\$197	\$219	\$243	\$266	\$289	\$312
Senior Consultant	\$163	\$180	\$202	\$223	\$245	\$266
Associate Consultant	\$147	\$162	\$175	\$189	\$203	\$217
Consultant	\$110	\$124	\$137	\$152	\$165	\$179
Project Technician	\$80	\$103	\$125	\$146	\$167	\$190

- The range of rates shown for each staff category reflects ESA staff qualifications, expertise and experience levels. These rate ranges allow our project managers to assemble the best project teams to meet the unique project requirements and client expectations for each opportunity.
- From time to time, ESA retains outside professional and technical labor on a temporary basis to meet peak workload demands. Such contract labor may be charged at regular Employee Category rates.
- ESA reserves the right to revise the Personnel Category Rates periodically to reflect changes in its operating costs.

II. ESA Expenses

A. Travel Expenses

- Transportation
 - Company vehicle – fixed rate + fee for mileage in excess of 100 miles.
 - Common carrier or car rental – actual expense multiplied by 1.15
 - If company vehicle is to be used in off-road conditions, a daily \$15 use fee will be added to the standard daily vehicle rate.
- Lodging, meals and related travel expenses – direct expenses multiplied by 1.15

B. Technology and Data Management Fee

Starting January 2023, ESA implemented a 3% Technology and Data Management fee on all applicable contracts, excluding charges related to equipment rentals, reimbursable expenses, and subcontractor fees. This fee plays a pivotal role in mitigating an array of technology and data management expenditures incurred by ESA to ensure the delivery of the comprehensive and high-quality services our clients expect. These expenses include, but are not limited to:

- **Long-Term Data Retention and Security Administration:** Covering the expenses associated with administering the protection of client data and assets throughout and beyond the contractual period.
- **Development and Maintenance of Internal ESA Software Tools:** Accounting for the ongoing investments required to create and maintain tools integral to our client engagements.
- **Data Privacy and Security Maintenance:** Encompassing the costs involved in maintaining data privacy and security, including regular security audits to uphold the highest standards.
- **Advanced Technology-Related Costs:** Addressing the escalating expenses associated with subscriptions for cutting-edge technical software, licenses, and cloud data services.

This fee structure enables ESA to uphold its commitment to providing clients with top-tier services while managing the ever-evolving demands of technology and data management in the work that we do.

C. Cloud-based Services

ITEM	RATE/HOUR	RATE/DAY	RATE/WEEK	RATE/MONTH
Cloud-based Services				
Nearmap High Resolution Images		\$55/image		
ArcGIS Online Hosting (Web Maps/Apps)				\$225
Website Hosting				\$200
Custom Application & Services Hosting*				\$300*
Modeling (GeoHECRAS, TUFLOW, Delft3D) + Drone Processing	\$7	\$160	\$950	\$3,900
Aviation Environmental Design Tool (AEDT) Processing	\$13	\$190	\$1,120	\$4,600
*includes support for database, SSL, IT support – costs vary by project. Contact software development services for firm pricing.				

D. Printing/Reproduction Rates

If a weekly or monthly rate is not provided, equipment usage is billed at a daily rate.

ITEM	RATE/PAGE	SAMPLE PRICING
Black & White – 8.5 x 11	\$0.15	
Black & White – 11 x 17	\$0.30	
Color – 8.5 x 11	\$0.50	
Color – 11 x 17	\$0.80	
B&W – Plotter (Toner – ECO Quality)	\$0.50/sf	24x36 B/W CAD drawing would cost \$3 per sheet
B&W – Plotter (Toner – Presentation Quality)	\$1.25/sf	24x36 B/W CAD drawing would cost \$7.50 per sheet
Color – Plotter (Inkjet – ECO Quality)	\$2.50/sf	24x36 Color Drawing would cost \$15 per sheet
Color – Plotter (Inkjet – Presentation Quality)	\$5.00/sf	24x36 Color Drawing would cost \$30 per sheet



CD	\$10.00	
Digital Photography	\$20.00 (up to 50 images)	
All Other Items (including bindings and covers)	At cost plus 10%	

E. Equipment Rates

ITEM	RATE/DAY	RATE/WEEK	RATE/MONTH
Project Specific Equipment:			
Vehicles – Standard size (no off-road usage)	\$ 100 ^a	\$ 500 ^a	
Vehicles – 4x4 /Truck (light duty)	150 ^a		
Vehicles – 4x4 /Truck (heavy duty)	175 ^a		
Vehicles – ATV	150		
Noise Meter	115		
Hydroacoustic Noise Monitoring Equipment	175		
Satellite Phone	15	70	250
Electrofischer	350	1,750	
Field Traps	50		
Digital Hypsometer (Nikon)	25		
Backpack Sprayer	30		
360-Degree 4k Camera	35	175	
High Resolution Time-Lapse Camera	20	100	350
Beach Seine	60		
Block Net	30		
PIT Tagging Kit	25		
Underwater Light Meter		500	
Otter Trawl	115		
Wildlife Acoustics Bat Detector	125	400	
Wildlife Trail Camera	30	100	
Fiber Optic Endoscope	150	750	
Spotting Scope	50	200	
Personal Protective Equipment (PPE)	25		
Photo and Video Production Equipment:			
Mirrorless Camera + Lens + SD Card	220	550	2000
Tripod + Camera Case	50	175	500
Lighting Equipment	20	75	250
Shotgun Microphone Kit	15	50	180
2 Person Microphone Kit	10	25	85
Topographic/Bathymetric Survey Equipment:			
Total Station	300		
UAV/Drone	300	1,500	
RTK-GPS	300		
RTK-GPS Smartnet Subscription	80		
Hypack Survey Software	150		
Laser/Auto Level	50		
Single-Beam Echoshounder	175	600	
Sidescan Sonar	200		
Sound Velocity Profiler	75		
1m GNSS Data Collection System	85	425	1,700
Sub-meter GNSS Data Collection System	115		
Sub-foot Data Collection System	230		
Garmin GPS or equivalent	30		
Hydrologic Data Collection, Water Current, Level and Wave Measurement Equipment:			
ISCO 2150 Area Velocity Flow Logger	\$ 50	\$ 300	\$ 800
SonTek IQ-Plus Area Velocity Flow Logger	100	500	1,500
Logging Rain Gage	10	50	200
Hand-Held Current Meter	50		
Surface Velocity Radar	50		
Wave Pressure Sensor		115	460
Wave Buoy		175	700
Sonic Wave Sensor	35	175	500
Logging Water Level - Pressure Transducer			125
Logging Barometric Pressure Logger			60
Well Probe / Water Level Meter	25		
Bottom-Mounted Tripod / Mooring	30	150	400

ITEM	RATE/DAY	RATE/WEEK	RATE/MONTH
Stormwater Crest Sampler			20
Radar Wave Sensor with Logger Box	150	300	1000
Water Quality Equipment:			
Logging Turbidimeter/Water Level Recorder	\$	\$	\$ 400
Logging Conductivity/Water Level Recorder			250
Remote Monitoring Logger Box		75	250
Recording Conductivity Meter w/Datalogger	20	60	200
Hand-Held Turbidimeter	50	200	
Hand-Held Salinity Meter or pH meter	35		
Logging Salinity Gauge			150
Logging DO/Temp Probe			150
Logging Water Quality Sonde 1 Sensor	50	200	700
Logging Water Quality Sonde 2 Sensor	65	250	800
Logging Water Quality Sonde 3 Sensor	75	300	900
Logging Water Quality Sonde 4 Sensor	90	350	1,000
Telemetry System Hardware			125
Water Quality Multi-Probe Depth Profiler	200		
Niskin Water Sampler	50		
ISCO 6712 Portable Sampler w/ISCO 2105 Module	60	350	900
Sedimentation / Geotechnical Equipment:			
Peat Corer	\$ 85		
60lb Helly-Smith Bedload Sampler	200		
Mini-Ponar Grab Sampler	50		
DH-76 Suspended Sediment Sampler	100		
D-96 Suspended Sediment Sampler	200		
Bridge Crane	150		
RSET	50		
AMS Soil Sampling Kit	50		
Hand-Held Helley-Smith Bedload Sampler	30		
Guelph Permeameter	60		
Sludge Sampler	60		
Shear Strength Vane	60		
Handheld DH-48 Suspended Sediment Sampler	30		
Boats:			
Small Watercraft	\$ 75	\$ 300	
15'-17' Boat	350	1,200	
18'-21' Boat	400	1,800	
22'-25' Boat	500	2,000	
Houseboat Floating Laboratory		4,500	

^a Actual project charges will include the daily rate plus \$0.75 per beyond 100 miles

III. Subcontracts

Subcontract services will be invoiced at cost multiplied by 1.15.

IV. Other

The fees above do not include sales tax. Any applicable or potential sales tax will be charged when appropriate.

V. Payment Terms

Unless otherwise agreed in writing, ESA will submit invoices on a monthly basis. Any unpaid balances shall draw interest at one and one half percent (1.5%) per month or the highest rate



allowed by law, whichever is lower, commencing thirty (30) days after date of invoice. All invoices not contested in writing within fifteen (15) business days of receipt are deemed accepted by Client as true and accurate and Client thereafter waives any objection to Clients invoices, which are payable in full.

ATTACHMENT B

COST PROPOSAL

CLIENT:

City of Portola

Project: **Gulling Street Bridge over Middle Fork Feather River**

5/28/2025

# Subtask Number	Task Description		Classification	Principal Engineer	Project Manager	Senior Engineer (Geotechnical)	Senior Engineer (Structures)	Junior Engineer	Admin Assistant	Total Task Hours (MGE)	MGE Costs	Total Task Cost
			Function									
1.0	Project Management											
1.1	Project Management		Hrs		10					10	\$ 3,300.00	\$ 3,300.00
1.2	Participate in project progress meetings (assume 3)		Hrs		3					3	\$ 990.00	\$ 990.00
2.0	Environmental Permit Support and Field Observations		Hrs									
2.1	Consultation with Environmental Consultant		Hrs		16					16	\$ 5,280.00	\$ 5,280.00
2.2	Field Observation of riprap placement		Hrs		8			22		30	\$ 5,720.00	\$ 5,720.00
2.3	Field Technical Memo		Hrs		1			3		4	\$ 750.00	\$ 750.00
3.0	HBP Application		Hrs							0	\$ -	\$ -
3.1	HBP Application		Hrs		2					2	\$ 660.00	\$ 660.00
3.2	Respond to City/Caltrans Comments		Hrs		2					2	\$ 660.00	\$ 660.00
3.3	Final Application				2					2	\$ 660.00	\$ 660.00
										0	\$ -	\$ -
			Hrs								\$ -	\$ -
			Hrs							0	\$ -	\$ -
			Hrs							0	\$ -	\$ -
	Total Hours by Employee			0	44	0	0	25	0	69		
	Loaded Hourly Rate (Base Period Rates)			370.00	330.00	280.00	280.00	140.00	150.00			
	Total Labor Cost (Subconsultants & MGE)										\$18,020.00	\$18,020.00
Travel				Other Direct Costs						Total Cost		
Type	Rate	Units	Cost	Description	Unit Cost	Unit		Cost				
Mileage	\$0.700	640	\$448.00	Special Deliveries				\$0.00		MGE Fee		
Lodging	\$173.00	2	\$346.00	Reproduction				\$0.00		Travel		
M&IE	\$86.00	3	\$258.00							Other Direct Costs		
										Subconsultants		
										Total Cost		
Total Travel			\$1,052.00	Total Other Direct Costs				\$0.00		\$19,072.00		

Gulling Street Bridge Emergency Repairs		M. Logue Principal Consultant 4	J. Whitfield Principal Consultant 3	S. Gasca Managing Consultant 4	F. Marquez Associate Consultant 4	A. Guzman Senior Consultant 2	Z. Leisz Senior Consultant 2	P. Fennimore Managing Consultant 2	H. Koenig Principal Consultant 2	TOTAL ESA LABOR COST & FEES				Total ESA Labor Cost	TOTAL EXPENSE	TOTAL PROJECT COST
		\$305	\$276	\$266	\$189	\$180	\$180	\$219	\$248	ESA Total Hours	ESA Labor Subtotal (\$)	Technology & Data Management Fee	Total Labor Fee		Total Expense (\$) Amount	
Task #	Task Name/Description															
1.1	USACE Section 404 Emergency Permit Application	1	2	12	8	2			3	28.00	\$ 6,665	\$ 200	\$ 200	\$ 6,865	\$ -	\$ 6,865
1.2	Clean Water Act Section 401 Water Quality Certification for Regional General Permit 8	1	2	12	4					19.00	\$ 4,805	\$ 144	\$ 144	\$ 4,949	\$ -	\$ 4,949
1.3	CDFW Emergency Notification of Lake or Streambed Alteration	1	2	8	4	2				17.00	\$ 4,101	\$ 123	\$ 123	\$ 4,224	\$ -	\$ 4,224
1.4	Project Team and Agency Coordination	4	2	14						20.00	\$ 5,496	\$ 165	\$ 165	\$ 5,661	\$ -	\$ 5,661
1.5	Agency Site Visit			2				12		14.00	\$ 3,160	\$ 95	\$ 95	\$ 3,255	\$ 548	\$ 3,801
1	Task 1	7	8	48	16	4		12	3	98.00	\$ 24,227	\$ 727	\$ 727	\$ 24,954	\$ 546	\$ 25,500
2.1	Pre-construction Surveys and Monitoring		2	4			28			34.00	\$ 6,656	\$ 200	\$ 200	\$ 6,856	\$ 1,093	\$ 7,948
2	Task 2		2	4			28			34.00	\$ 6,656	\$ 200	\$ 200	\$ 6,856	\$ 1,093	\$ 7,948
	Total Hours	7	10	52	16	4	28	12	3	132.00	\$ 30,883	\$ 926	\$ 926	\$ 31,809	\$ 1,639	\$ 33,448
	Total (\$) Amount	\$2,135	\$2,760	\$13,832	\$3,024	\$720	\$5,040	\$2,628	\$744							

PROJECT COST ESTIMATE SUMMARY TABLE		
ESA Labor	\$	30,883
Annual Rate Escalation Allowance	\$	-
Contingency	\$	-
Technology and Data Management Fee	3%	\$ 926
ESA Labor Amount	\$	31,809
ESA Non-Labor Expenses		
Reimbursable Expenses (see Attachment A for detail)	\$	1,639
ESA Equipment Usage (see Attachment A for detail)	\$	-
Subtotal ESA Non-Labor Expenses	\$	1,639
Subconsultant Costs	\$	-
PROJECT TOTAL	\$	33,448